

Design

Description

The app I decided to build will be a Book List App.

This is meant to store books that the user has read, is reading or wants to read.

The user will first see the Home screen which gives links to the screens such as “Reading”, “Completed” and “Plan to Read”.

When the user clicks on the “Reading” screen they can see a list of the books they are currently reading. The screen shows the Title of the book(s) and the Page they are currently on, this sort of works as a virtual bookmark. You can also add a Title of a new book to be stored into the Reading list.

At the bottom of the screen the user has the option to either jump to the “Completed” screen or the “Plan to Read” screen.

If the user wishes to add a Title, they are led to an “Edit” screen. This screen lets the user enter the “Title”, the “Page” and onto which screen this information should be stored. At the bottom there is a link to “Home” which leads the user to the Home screen.

The “Plan to Read” screen displays the titles which the user has added and wishes to read. It only displays the titles and at the bottom it has links to the other two screens. The user can also add a title here and again will be led to the “Edit” screen for this function.

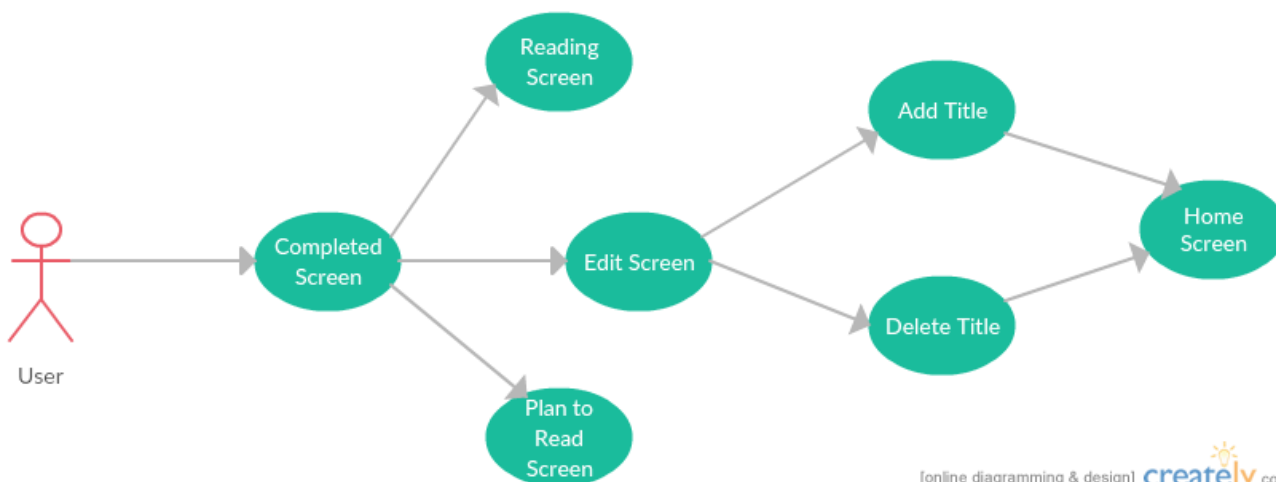
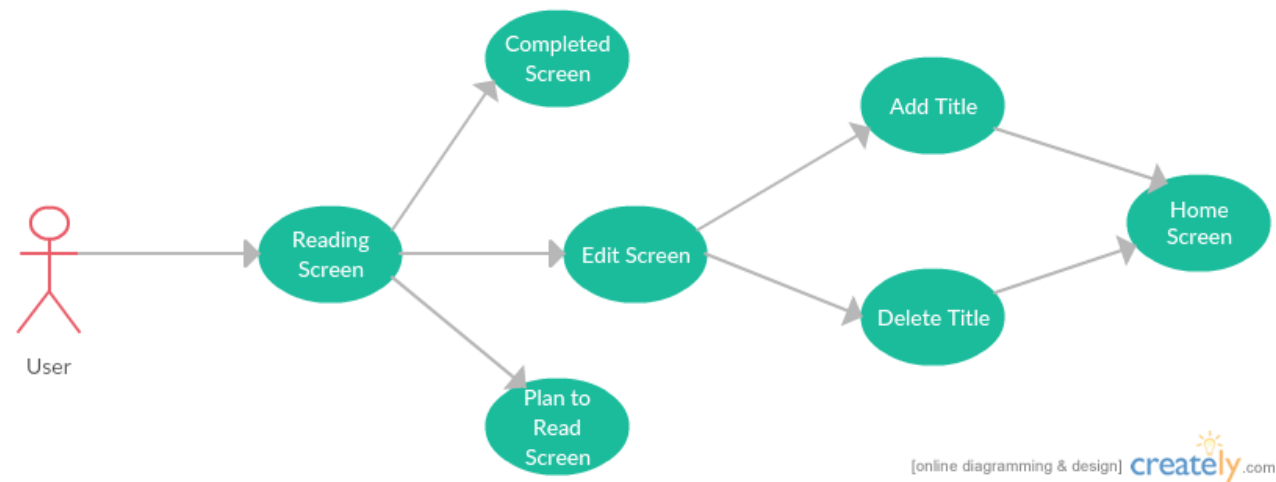
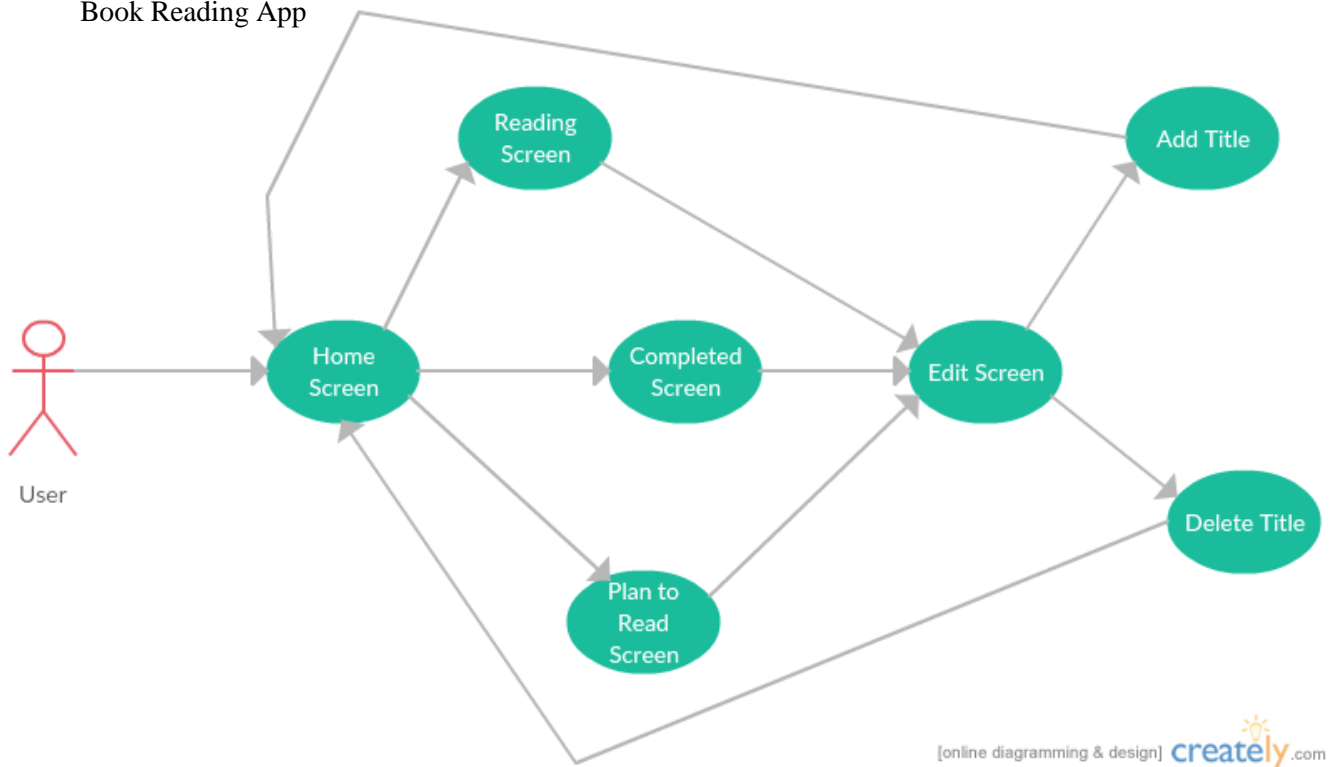
The “Completed” screen displays the titles of the books that the user has read. It displays the other two screens at the bottom which the user can jump to and it also has the ability to add titles which the user has already completed.

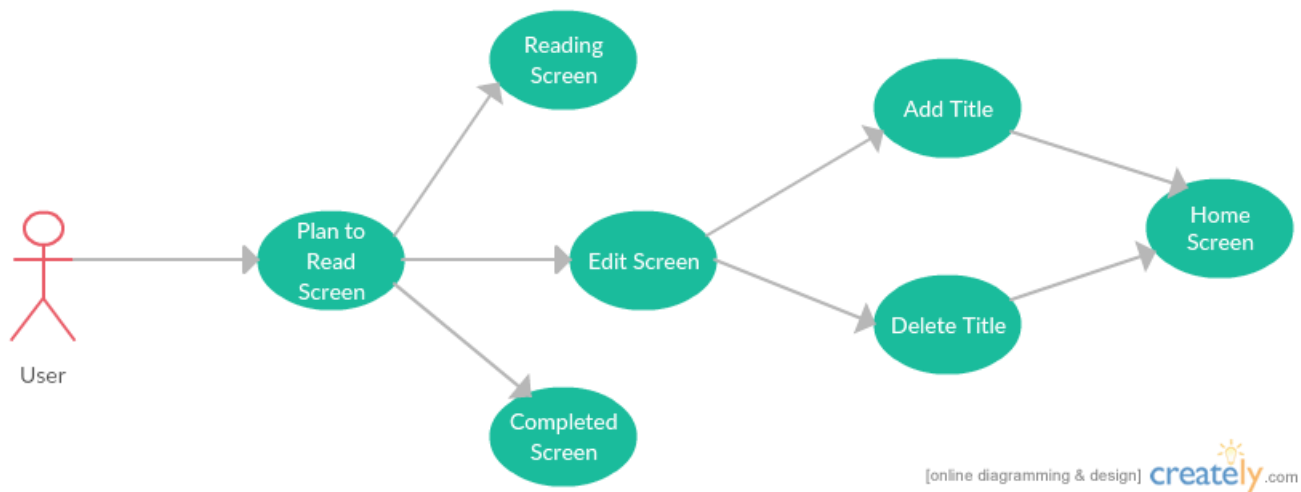
The user can also delete the titles they want to remove from any of the screens.

The additional features that I wish to add would be the dialogues that would appear giving the user more information and extra tabs and more creative GUI features.

Use Case Diagram

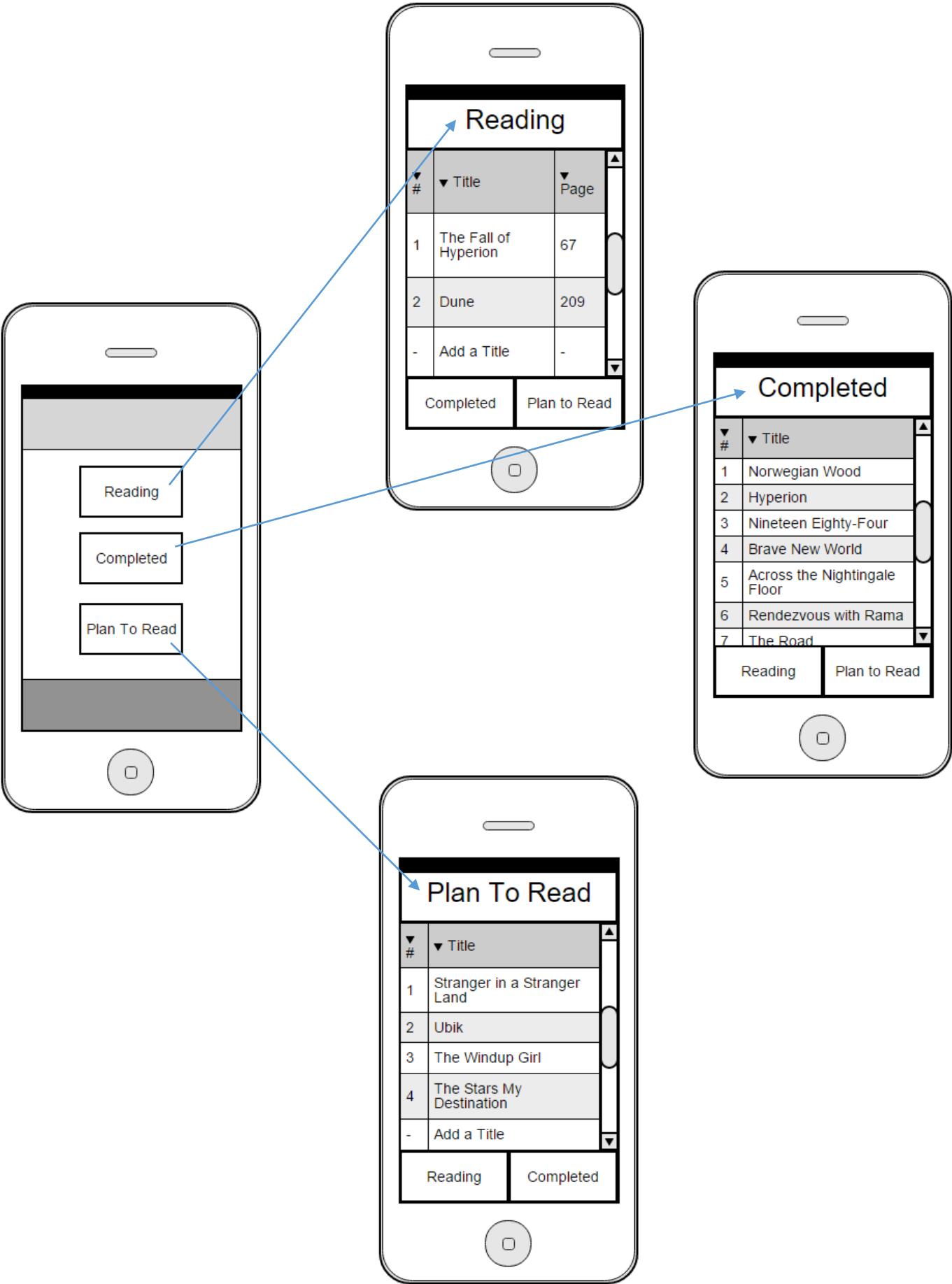
Book Reading App



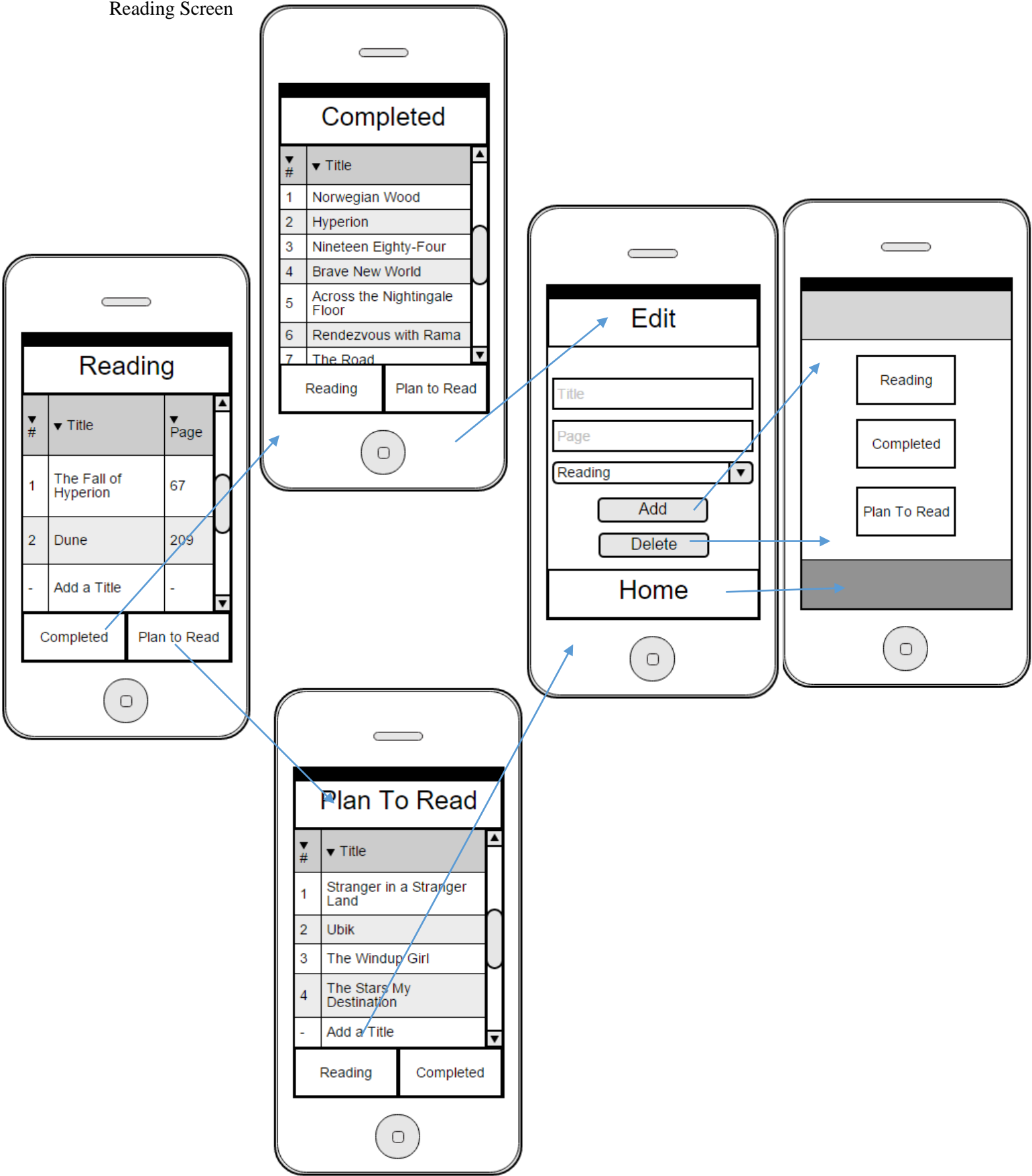


Screen Flow

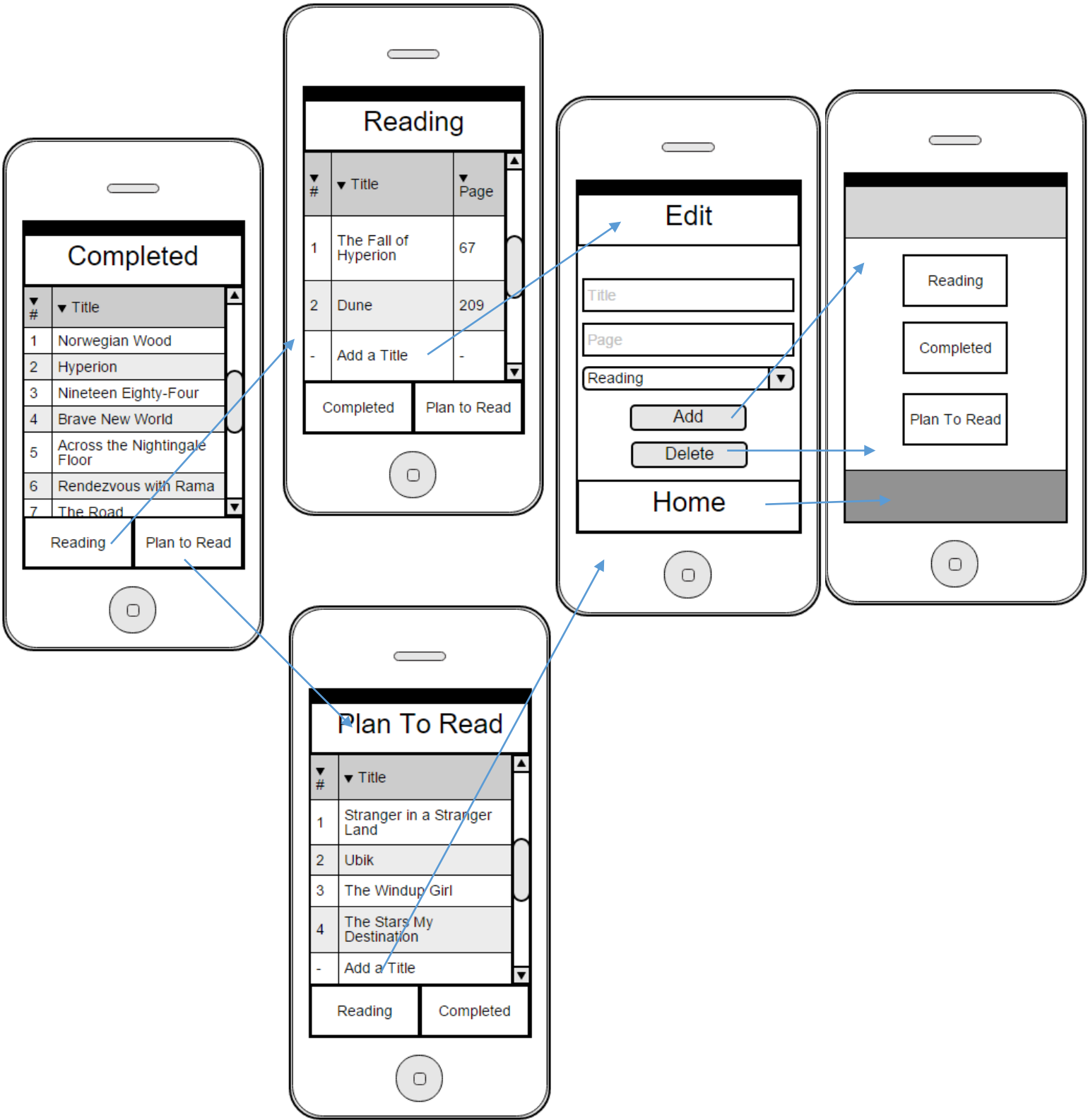
Home Screen



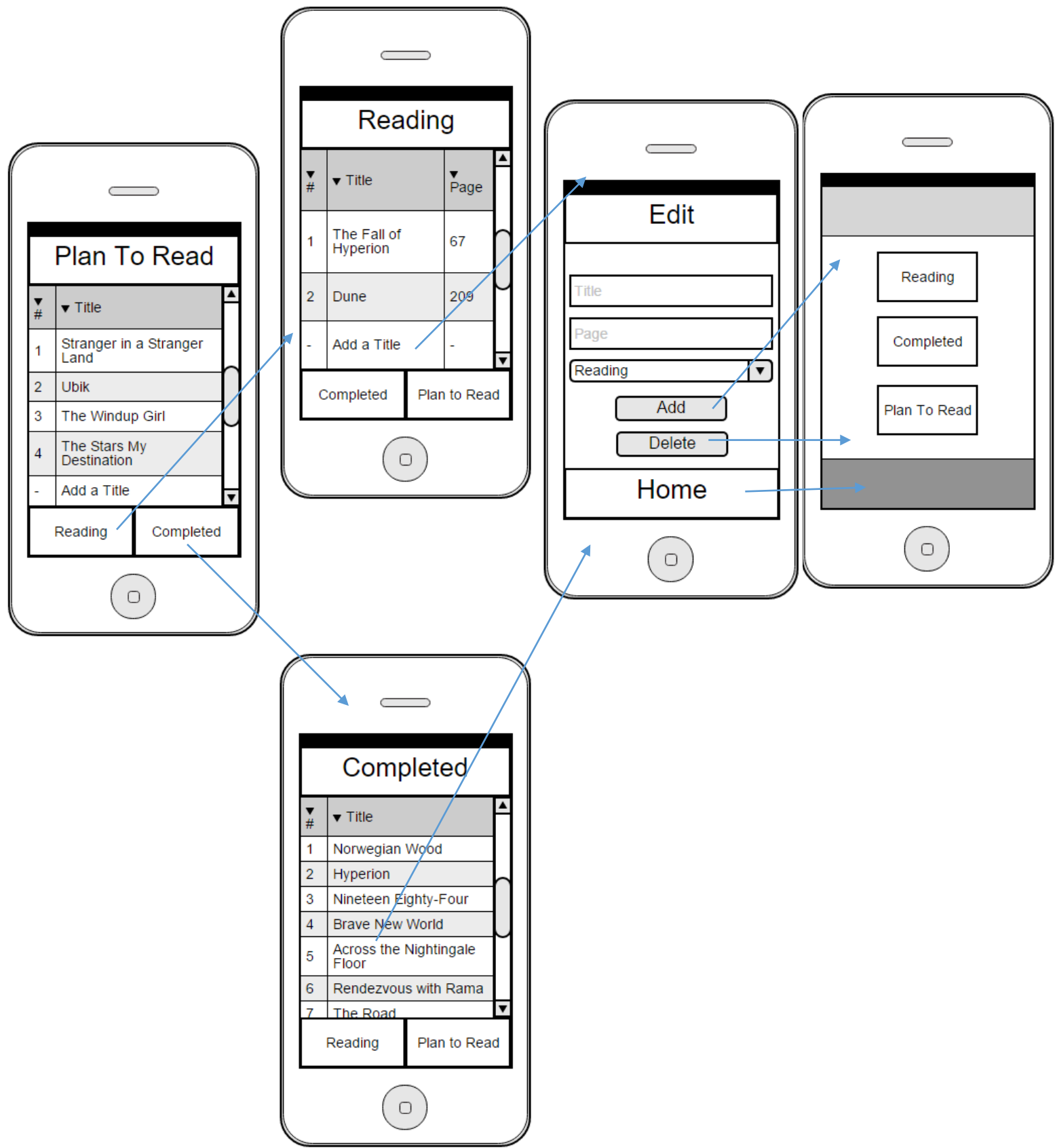
Reading Screen



Completed Screen



Plan to Read Screen



Database

I intend to use the database to store the books the user is Reading, Completed and Plan to Read. I also intend to store the number of books in each screen as well which should auto increment. The database will also store as to where the book information is stored and shown in i.e. if it's being stored in the Reading stage then it has been added in the Reading Screen. The user can easily make changes in the Edit screen which helps them add/delete books in the database.

Reading Table

Includes:

1. Title
2. Page
3. Reading stage
4. Number

Completed Table

Includes:

1. Title
2. Completed Stage
3. Number

Plan to Read Table

Includes:

1. Title
2. Plan to Read stage
3. Number